Mohd Adil

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Portfolio Website

EXPERIENCE

Publicis Sapient
Software Development Engineer I

June 2025 – Present
Java, AWS, React, Microservices

- Engineered scalable microservices in agile manner using Spring Boot, reducing API response latency by **80%** through in-memory and distributed caching.
- Improved application load performance by **30%** using edge caching and lazy loading.
- Established automated CI/CD pipelines using Jenkins and Bitbucket.
- Awarded **Rookie of the Batch** for exceptional performance, ownership, and teamwork during initial engineering training in Publicis Sapient.

EDUCATION

Indian Institute of Technology Bhilai
Bachelor of Technology in Computer Science Engineering

2021 – 2025
8.78 CGPA

Lucknow Public School
All India Senior School Certificate Examination(AISSCE)

2020
96.2%

PROJECTS

CodeArena — AI enabled Coding Platform | *Spring Boot,React, Docker, PostgreSQL*   GitHub | Live Link

- Architected an **AI-enabled** online coding platform on Java microservices with an AI coding assitant. Implemented to scale horizontally and reliably support **10000+** concurrent users.
- Designed an asynchronous distributed judging pipeline using Kafka/SQS to decouple code submission, compilation, and execution on a isolated docker container.

Drive — Storage space | *Python,FastAPI,React, S3*   GitHub | Live Link

- Built a secure cloud-based file storage and sharing platform supporting file upload, download, folder organization, and access control.
- Designed scalable backend services for metadata management and file storage with AWS S3.

Fastdev — Online AI enabled API mocking service | *Python,FastAPI,Nextjs,OpenAI*   GitHub | Live Link

- Developed an online API mocking platform supporting GET, POST, PUT, and DELETE HTTP methods, enabling mock APIs to be created and deployed instantly.
- Integrated an **AI-powered API mocking** feature that lets users describe an API in natural language, automatically generating and deploying a fully functional mock service.

TECHNICAL SKILLS

Languages: Java, C/C++, Python,JavaScript, TypeScript, SQL (PostgreSQL)
Frameworks: Spring Boot, React.js, Express.js, Tailwind CSS, Vite
Databases: PostgreSQL, MongoDB, Redis
Cloud: AWS (EC2, S3, RDS, EKS,SQS)
DevOps: Docker, Kubernetes, Jenkins, Git, Bitbucket, Kafka
Architecture: Microservices, CI/CD Pipelines,Unit Tests,Testing, Artificial Intelligence(AI)

ACHIEVEMENTS AND CERTIFICATIONS

- Certified **AWS Cloud Practitioner** (AWS CLF-C02).
- Guardian on **LeetCode** — ranked among the **top 100 in India** with a peak rating of **2554**.
- Expert on **Codeforces** with max rating of **1825**.
- Among **top 1%** in the **IIT JEE 2021** examination with an **AIR of 8700**.